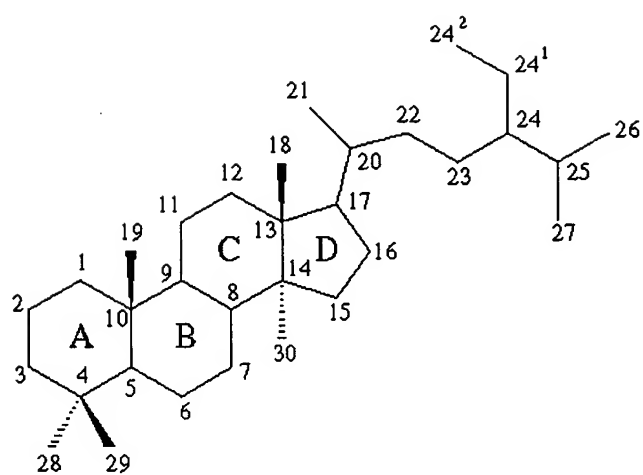
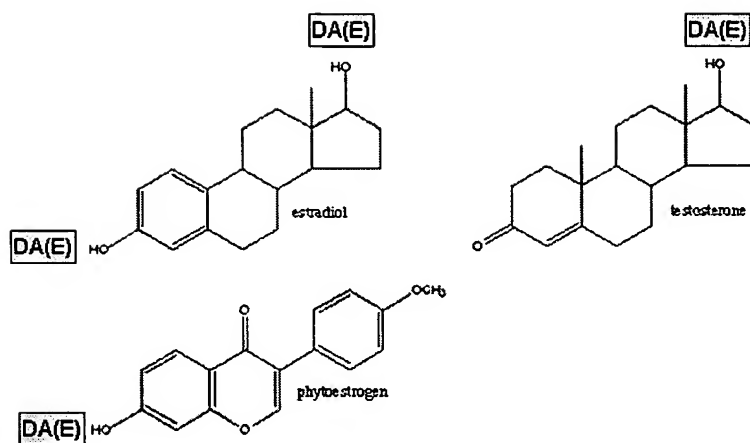


**Figure 1**

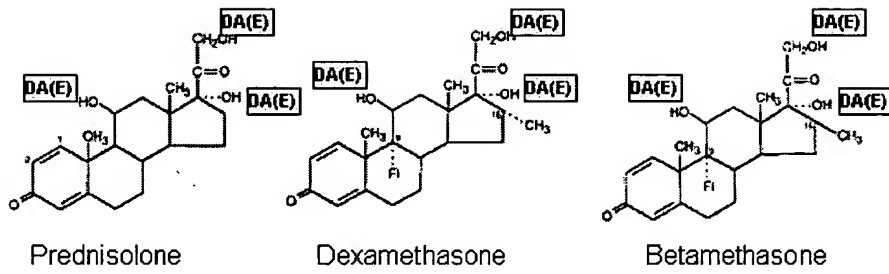


## Figure 2

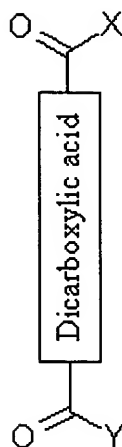


**DA(E)** = Dicarboxylic Acid Conjugate (through an ESTER bond)

# Figure 3



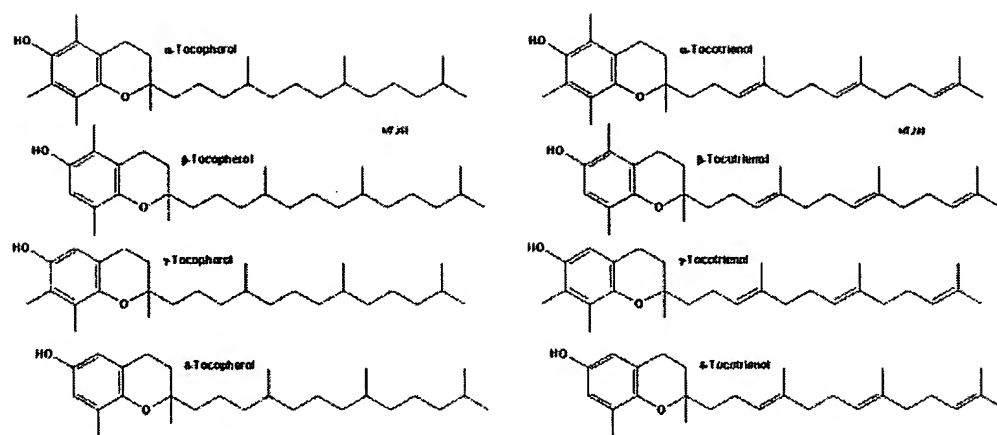
## Figure 4



Wherein:

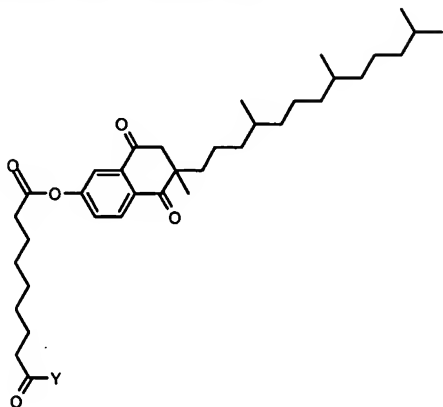
- X = Steroid moiety
- Y = X, OH, -OR, -NH<sub>2</sub>, -NHR or NR<sub>2</sub>
- R = -Alkyl, -Aryl, -(CH<sub>2</sub>)<sub>m</sub>-Aryl, -(CH<sub>2</sub>)<sub>m</sub>-OH, -(CH<sub>2</sub>)<sub>m</sub>-NH<sub>2</sub>, or -(CH<sub>2</sub>)<sub>m</sub>-SH
- m = 0, 1, 2, 3, 4 or 5

Figure 5

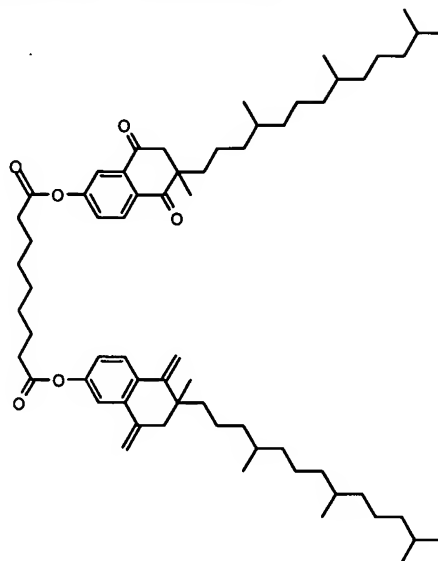


# Figure 6

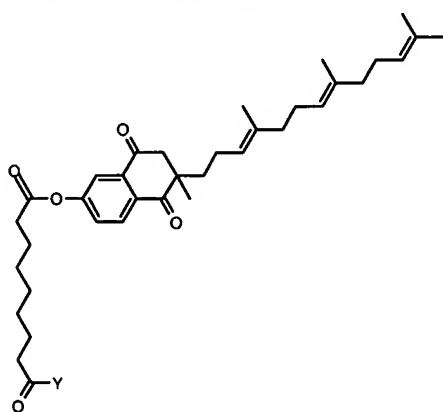
**Azelaic acid linked with one Tocopherol molecule**



**Azelaic acid linked with two Tocopherol molecules**



**Azelaic acid linked with one Tocotrienol molecule**



**Azelaic acid linked with two Tocotrienol molecules**

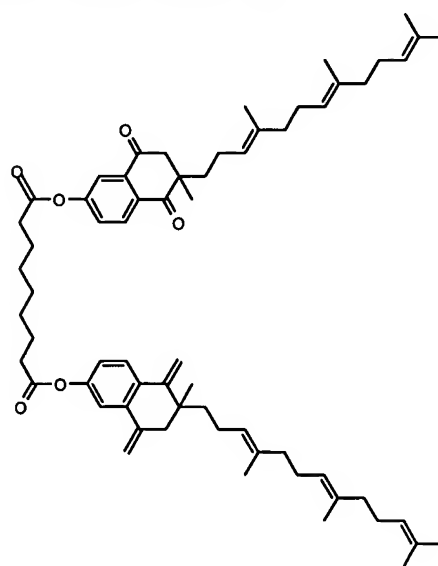
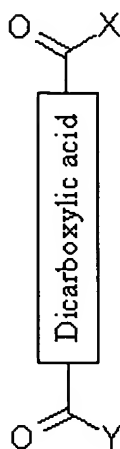


Figure 7



Wherein:

- X = Vitamin D moiety
- Y = X, OH, -OR, -NH<sub>2</sub>, -NHR or NR<sub>2</sub>
- R = -Alkyl, -Aryl, -(CH<sub>2</sub>)<sub>m</sub>-Aryl, -(CH<sub>2</sub>)<sub>m</sub>-OH, -(CH<sub>2</sub>)<sub>m</sub>-NH<sub>2</sub>, or -(CH<sub>2</sub>)<sub>m</sub>-SH
- m = 0, 1, 2, 3, 4 or 5